

## STATE OF CALIFORNIA

## CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

## Base Year Modification Request Certification

## Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6189 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, 9th Floor  
PO Box 4025  
Sacramento, CA 95812-4025

## General Instructions:

Please select the ONE choice below that best explains your request to the Board.


- ☒ 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
- ☐ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

## Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name		County	
City of Fontana		San Bernardino	
Authorized Signature		Title	
		Public Services Director	
Type/Print Name of Person Signing		Date	Phone ( ) Include Area Code
Curtis Aaron		11/1/01	(909) 350-6531
Person Completing This Form (please print or type)		Title	
Christ Johnson Bulot, Tony Mata, Paul Ryan			
Affiliation: Burrtec Waste Industries, Inc., City of Fontana, Consultant			
Mailing Address	City	State	ZIP Code
16469 Orange Way	Fontana	CA	92335
E-mail address: <a href="mailto:Cearon@fontana.org">Cearon@fontana.org</a>			

**Section II: Information for New Generation-Based Study for Existing or New Base Year**

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

*Note: New base years must be representative of a jurisdiction's disposal and diversion.*

1. Current Board-approved existing base-year:

1990

2. Proposed new generation-based study year:

2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

The generation study year is a typical year. There is nothing special about 2000. The purpose of the generation study was to determine the diversion rate by quantifying disposal and diversion to determine generation and the percent diversion for 2000.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 32 %	Diversion rate calculated using new generation-based study	b. 53 %
For existing base year pounds/person/day based on generation	11.48	For new generation based study pounds/person/day based on generation	12.11
Residential generation 67 %	Non-Residential Generation 33 %	Residential generation 15 %	Non-Residential generation 85 %
Population existing generation-based study 87535		Population new generation-based study 117400	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The diversion rate is based on full enumeration of known diversion program activities in the City of Fontana. The increase in pounds/person/day is due to new commercial and industrial development projects. As noted above, there is an increase in non-residential generation which accounts for this increase.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

Full enumeration of program diversion activities shows that the increase in the diversion rate was greater than five percentage points. The increase can be attributed to the gathering and documentation of increased diversion activities for 2000. The diversion rate calculator diversion rates are understated.

7. Disposal Tonnage: (enter values)	81990	40383	122373
	Residential	Non-Residential	Total

Please select the ONE choice below that best explains your disposal data and complete the required tables.

☐ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.cwmb.ca.gov/central/forms/rytmdrq.doc>)

☒ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.cwmb.ca.gov/central/forms/rytmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claims.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.cwmb.ca.gov/central/parts/codes/reduce.htm">http://www.cwmb.ca.gov/central/parts/codes/reduce.htm</a>	(A)	(A/Total Generation)			
<b>Residential Activities:</b>					
<b>Source Reduction</b>					
Backyard composting	0	0.0%	N/A	N/A	N/A
Grasscycling	0	0.0%	N/A	N/A	N/A
Other Residential source reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	0	0.0%			
<b>Recycling</b>					
Curbside Recycling	6236	2.0%	Aluminum cans, cardboard, all color glass, plastic #1 & #2, mixed paper, newspaper, tin cans, office paper	Actual Tons	Hauler Records; City Offices
Buyback centers					
Drop-off centers					

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.ciwmmb.ca.gov/locatref/paris/codes/reduce.htm">http://www.ciwmmb.ca.gov/locatref/paris/codes/reduce.htm</a>					
<b>Other Residential recycling (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Residential Recycling</b>	<b>8236</b>	<b>2.0%</b>			
<b>Composting</b>					
Green waste drop-off					
Curbside green waste	15233	5.9%	Glass clippings, leaves, small branches - yard waste	Actual Tons	Hauler Records; City Offices
Christmas Tree program			Included in curbside green waste	See Above	See Above
<b>Other Residential composting (list each program separately)</b>					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Residential Composting</b>	<b>18233</b>	<b>6.9%</b>			
<b>Subtotal Residential Diversion</b>	<b>20469</b>	<b>7.9%</b>			
<b>Non-Residential Activities:</b>					
<b>Source Reduction</b>					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
<b>Other non-Residential source reduction (list each program separately)</b>					
1000-SR-XGC	2171	0.8%	Grass Clippings	350Lbs. Per 1000Sq. Ft./Year from CIWMB	City Records; City Offices
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal Non-Residential Source Reduction</b>	<b>2171</b>	<b>0.8%</b>			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.clwmb.ca.gov/central/parts/codes/reduce.htm">http://www.clwmb.ca.gov/central/parts/codes/reduce.htm</a>	(A)	(A/Total Generation)			
<b>Recycling</b>					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other non-Residential recycling (list each program separately)					
2030-RC-OSP	1702	0.7%	Cardboard, mixed paper, newspaper, office pack, glass, tin cans, plastic	Actual Tons	Hauler Tickets; City Offices
2050-RC-SCH	56	0.0%	Mixed Paper	Calculated tonnage based on bin size/service level	Service Level; City Offices
2060-RC-GOV	53549	20.8%	Construction & Demolitions Debris	Actual Tons	Orange County Year 2000 Recycled Construction & Demolition Debris Report; City Offices
2090-RC-OTH	199	0.1%	Cardboard & mixed paper	Actual Tons	Hauler Tickets; City Offices
Enter program name					
Subtotal Non-Residential Recycling	55506	21.5%			
<b>Composting</b>					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other non-Residential composting (list each program separately)					
3020-CM-COG	634	0.2%	Green Waste	Actual Tons	Hauler Tickets; City Offices
3070-CM-OTH	6512	2.5%	Green Waste	Actual Tons	Orange County Exempt Green waste Report - 2000
4050-SP-WDW	375	0.1%	Wood	Actual Tons	Hauler Tickets; City Offices
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	7621	2.9%			
Subtotal Non-Residential Diversion	65196	25.3%			
Residential/Non-Residential Diversion Activities					
ADC					
Sludge					
Scrap metal	366	0.1%			
Construction and demolition	49558	19.2%			
Landfill salvage					
Subtotal Residential/Non-Residential diversion	49944	19.4%			
Total Res/Non-Res Source Reduction Tons	2171	0.8%			
Total Diversion Tons	135612	52.6%			
Total Disposal Tons from Sec.7	122373	47.4%			
Total Generation Tons (Div+Dis)	257985				
<b>Diversion Rate</b>					
Diversion Rate	53%				

# 9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations).

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
City of Fontana	1	Paper, plastic, glass, wood, leaves and grass, other organics, metals, C&D, special wastes, etc.	2171	111063	22379	135612	52.6%	O,P
Totals			2170.51	111062.89	22378.6	135612	52.6%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

For the above companies the following methodologies were used:

City of Fontana

Grasscycling - conversion factor of 350 lbs/1,000 sq ft/year X acreage in sq. ft. = tons

All other diversion amounts are actual tonnage

**10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:**

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type		Specific Program name	Year started	Tonnage
Inert Solids	▼	Orange County Construction and Demolition Debris Program	1997	53549
Inert Solids	▼	Burrtec Waste Industry - franchise commercial collection	1995	49439
Inert Solids	▼	City of Fontana Public Works Department	1995	118
Scrap Metal	▼	City of Fontana Scrap Metal Diversion	1992	386
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

**b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.)**

Instead please provide date of Board approval of preciously submitted information.

(Date)

**If documentation is not available, go to 10d.**

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type		Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

<b>Restricted Waste Type</b>		<b>Specific Program name</b>	<b>New base year or reporting year tonnage</b>	<b>1990 diversion tonnage</b>	<b>Difference</b>
Pull Down for Waste Types	▼				
Pull Down for Waste Types	▼				-
Pull Down for Waste Types	▼				
Pull Down for Waste Types	▼				
Pull Down for Waste Types	▼				
Pull Down for Waste Types	▼				